

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	42	I5 and (I2 I3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 14:51
L5	76865	"713"/.ccls. "726"/.ccls. "380"/.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 14:51
L3	24	((PIN) and browser and (authenticat\$3 valid\$5 verification verif\$4) and access\$3 and account and server).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 14:45
L2	136	((PIN password key) and browser and (authenticat\$3 valid\$5 verification verif\$4) and access\$3 and account and server).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/02 14:45
S252	2	S251 and (mobile adj (IP internet)) with (password PIN key) with browser	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 21:39
S251	76779	"713"/.ccls. "726"/.ccls. "380"/.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/29 21:38
S250	44	(server and visit\$3 and browser and mobile).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/29 21:36
S249	2	(server and visit\$3 and browser and PIN).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/29 21:35
S248	338	(server and visit\$3 and browser).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/29 21:35

S247	17	S246 and @pd< "20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/29 20:53
S246	3739	mobile with (internet IP) same authentic\$5 and (password PIN key)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 20:53
S245	3	S242 and @pd< "20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/29 20:49
S244	1	S243 and @pd< "20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/29 20:46
S243	682	mobile with IP same authentic \$5 same(home visit\$3) with server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 20:45
S242	1415	mobile with IP same authentic \$5 and (home visit\$3) with server	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/29 20:45
S241	2997	mobile with IP same authentic \$5	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/29 20:44
S240	2	andersen.in. and password and sms	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 16:37
S239	23	anderson.in. and password and sms	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 16:36
S238	2	anderson.in. and password same sms	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 16:36
S237	2	anderson.in. and password with sms	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 16:36

S236	1	("0115462").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 16:29
S235	5	726/8.ccls. and (PAP CHAP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 08:55
S234	0	726/8.ccls. and (PAP CHAP) and sms	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 08:55
S233	0	726/8.ccls. and (PAP CHAP) same sms	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/04 08:54
S232	0	S231 and (@ad<"20000922" @rlad<"20000922")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 17:47
S231	18	(PAP CHAP EAP) with sms	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 17:46
S230	0	(PAP CHAP EAP) and sms and S227	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 17:46
S229	6	S227 and radius	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 17:40
S228	0	S227 and radius and sms	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/02 17:40

S227	46	(US-20020087553-\$ or US-20020173306-\$ or US-20020114288-\$ or US-20020064142-\$ or US-20020156729-\$ or US-20050039005-\$ or US-20020037708-\$ or US-20020143990-\$ or US-20020068554-\$ or US-20040103311-\$).did. or (US-6510153-\$ or US-5668876-\$ or US-6061346-\$ or US-6477644-\$ or US-6745029-\$ or US-6725037-\$ or US-6430407-\$ or US-6353745-\$ or US-6963582-\$ or US-6738362-\$ or US-6928277-\$ or US-5907815-\$ or US-6738621-\$ or US-6259925-\$ or US-5864604-\$ or US-6760444-\$ or US-6563800-\$ or US-5590197-\$ or US-6675208-\$ or US-6512754-\$ or US-6690798-\$ or US-7039708-\$ or US-6993666-\$ or US-6766160-\$ or US-6230002-\$ or US-7031699-\$).did. or (US-6996072-\$ or US-6977909-\$ or US-6112078-\$ or US-6954633-\$ or US-6259909-\$ or US-6377982-\$).did. or (EP-1014619-\$).did. or (GB-2342816-\$ or WO-200141470-\$ or US-5668876-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/02/02 17:40
S226	46	(US-20020087553-\$ or US-20020173306-\$ or US-20020114288-\$ or US-20020064142-\$ or US-20020156729-\$ or US-20050039005-\$ or US-20020037708-\$ or US-20020143990-\$ or US-20020068554-\$ or US-20040103311-\$).did. or (US-6510153-\$ or US-5668876-\$ or US-6061346-\$ or US-6477644-\$ or US-6745029-\$ or US-6725037-\$ or US-6430407-\$ or US-6353745-\$ or US-6963582-\$ or US-6738362-\$ or US-6928277-\$ or US-5907815-\$ or US-6738621-\$ or US-6259925-\$ or US-5864604-\$ or US-6760444-\$ or US-6563800-\$ or US-5590197-\$ or US-6675208-\$ or US-6512754-\$	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/02/02 17:39

		or US-6690798-\$ or US-7039708-\$ or US-6993666-\$ or US-6766160-\$ or US-6230002-\$ or US-7031699-\$). did. or (US-6996072-\$ or US-6977909-\$ or US-6112078-\$ or US-6954633-\$ or US-6259909-\$ or US-6377982-\$). did. or (EP-1014619-\$).did. or (GB-2342816-\$ or WO-200141470-\$ or US-5668876-\$).did.				
S225	13	S223 and sms	USPAT	OR	OFF	2008/02/02 17:39
S224	0	S223 and radius and sms	USPAT	OR	OFF	2008/02/02 17:39
S223	46	(US-20020087553-\$ or US-20020173306-\$ or US-20020114288-\$ or US-20020064142-\$ or US-20020156729-\$ or US-20050039005-\$ or US-20020037708-\$ or US-20020143990-\$ or US-20020068554-\$ or US-20040103311-\$).did. or (US-6510153-\$ or US-5668876-\$ or US-6061346-\$ or US-6477644-\$ or US-6745029-\$ or US-6725037-\$ or US-6430407-\$ or US-6353745-\$ or US-6963582-\$ or US-6738362-\$ or US-6928277-\$ or US-5907815-\$ or US-6738621-\$ or US-6259925-\$ or US-5864604-\$ or US-6760444-\$ or US-6563800-\$ or US-5590197-\$ or US-6675208-\$ or US-6512754-\$ or US-6690798-\$ or US-7039708-\$ or US-6993666-\$ or US-6766160-\$ or US-6230002-\$ or US-7031699-\$). did. or (US-6996072-\$ or US-6977909-\$ or US-6112078-\$ or US-6954633-\$ or US-6259909-\$ or US-6377982-\$). did. or (EP-1014619-\$).did. or (GB-2342816-\$ or WO-200141470-\$ or US-5668876-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/02/02 17:38
S222	9	S221 and accounting	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 20:35

S221	137	hundscheidt and frank	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 20:35
S220	2	S219 and (@ad<"20000922" @rlad<"20000922")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 19:53
S219	115	(CHAP RADIUS) and (pin password secret key) with (sms)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 19:53
S218	4	S215 and (@ad<"20000922" @rlad<"20000922")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 19:52
S217	2	S215 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 19:50
S216	1	S215 and @pd<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 19:50
S215	36	(CHAP RADIUS) with (sms)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 19:49
S214	139	(CHAP RADIUS) same (sms)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 19:49
S213	144	(CHAP RADIUS) same (sms short with text with message)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 19:49
S212	10	HAAA and VAAA	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/01 19:24
S211	8	HAAA and VAAA	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/01 19:23

S210	66	S209 and bill\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 17:07
S209	115	S208 and visit\$3 same home	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 17:07
S208	156	S205 and (@ad<"20000922")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 17:05
S207	198	S205 and (@ad<"20000922" @rlad<"20000922")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 17:05
S196	84	S194 and (@ad<"20000922" @rlad<"20000922")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 17:05
S206	0	S205 and HAAA	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/25 17:04
S205	392	isdh same roam\$3 same service\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/25 17:04
S204	36	("5175758"   "5263178"   "5315634"   "5353328"   "5490235"   "5557639"   "5604921"   "5608778"   "5668876"   "5794142").PN. OR ("6112078").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/25 17:04
S203	8	sormunen and nokia and authentication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/25 15:52
S202	1	"7039708".pn.	USPAT	OR	OFF	2008/01/25 15:08
S201	1	andersen and initial with password with sms and nokia	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/22 14:54
S200	0	anderson and initial with password with sms and nokia	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/22 14:54

S199	8	("20020068554"   "5577103"   "5915222"   "5915225"   "5956636"   "6119014"   "6230002"   "6556820").PN. OR ("7031699").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/22 14:54
S198	1	"7031699".pn.	USPAT	OR	OFF	2008/01/22 14:17
S197	112	S195 and (@ad<"20000922" @rlad<"20000922")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/22 12:12
S195	204	(sms text adj messag\$3) with (password PIN)	USPAT	OR	OFF	2008/01/22 12:12
S194	84	S193 and (@ad<"20000922" @rlad<"20000922")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/22 12:12
S193	153	(sms with (password PIN))	USPAT	OR	OFF	2008/01/22 12:12
S154	29	S152 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/01/22 12:08
S192	8	726/8.ccls. and PIN and phone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/05 23:57
S92	90	726/8.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/05 23:57
S62	2	S61 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/05 23:28
S182	2	"6512754".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/05 14:59
S181	13	("5668876" "6512754" "6745047" "6785823" "6879574").pn. "20040044789" "20040219954"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 22:37
S180	2	"7152160".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 22:35



S179	2	mellstrand and network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 22:34
S163	467	tether\$3 with mobile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 22:29
S178	3	leivo and mika	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 22:28
S177	1	leivo and mika	USPAT	OR	OFF	2007/08/04 22:27
S176	0	("2006/0069914").URPN.	USPAT	OR	OFF	2007/08/04 22:27
S175	9	temporary with PIN same (internet network) with access \$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/04 22:16
S174	10	S173 and (tempor\$5 session) with (PIN\$1 password\$1 key \$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/04 22:15
S173	53	S172 and (@ad<"20000924" @rlad<"20000924")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/04 22:08
S172	139	(request\$3 same PIN) and (browser same PIN) same (internet network) and auth \$10	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/04 22:01
S170	34	S169 and (@ad<"20000924" @rlad<"20000924")	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/04 22:01
S171	9	PIN same browser same enter \$3 same ((internet network) near3 access\$4) same auth \$10	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/04 21:59
S169	198	S168 and cellular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 21:24
S168	323	mobile adj gateway	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 21:24
S167	56	tether\$3 with (mobile cellular) adj phone	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 21:23

S166	6	(tether\$3 with (mobile cellular) adj phone) same access\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 21:21
S165	55	S163 and (cellular gsm) and modem	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 20:40
S164	16	S163 and authenticat\$3 and PIN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 20:02
S162	915	tether\$3 same mobile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 20:01
S161	68	tethering same mobile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/04 20:00
S160	2	"6430407".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/21 11:02
S159	9	S157 and roam\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 17:22
S158	8	S157 and roaming	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 17:21
S157	927	705/30.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 17:20
S156	8	S154 and browser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:15

S155	8	S154 and browser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 13:15
S32	28	S30 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 13:14
S153	3	(password) same (SMS) same (mobile\$1ip)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:13
S152	253	(password) same (SMS) same (mobile\$1ip mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:13
S151	1	(one\$1time\$1password) same (SMS) same (mobile \$1ip mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:13
S150	0	browser same (one\$1time \$1password) same (SMS) same (mobile\$1ip mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:12
S149	0	browser same (one\$1time \$1password) same (SMS) same (mobile\$1ip mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 13:12
S147	66	browser same (password pin) same (LDAP Radius)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 13:11
S148	6	S147 and sms	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 12:55
S146	2	"20050124288"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 12:54

S144	14	sms with (password pin) same (LDAP Radius)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 12:54
S145	8	("6012144" "6567915" "6738362" "6539482").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 12:53
S143	21	radius with sms	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 12:38
S142	0	radius same lcd same sms	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 12:23
S141	4	mobile\$1IP and authentic\$5 same SMS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 12:22
S140	4	mobile\$1IP and authentic\$5 with SMS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 11:36
S139	5	CHAP same SMS same authentication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/20 11:33
S138	3	S137 and @ad< "20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/19 16:19
S137	14	login with pin with browser	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 16:18
S136	0	login with pin with browser and transfer\$4 with PIN	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 16:18
S135	0	login with pin with browser same transfer\$4 with PIN	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 16:18
S134	0	login with pin with browser with transfer\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/19 16:18
S133	43	S132 and @ad< "20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 15:17

S132	108	MSC adj compris\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 15:16
S131	0	MSC adj comprises	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 15:16
S130	0	MSC adj comprises with device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 15:16
S129	528	S128 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 12:06
S120	20	S119 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 12:05
S128	1603	PCS with frequency with cellular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/21 12:04
S127	6	turunen and matti and sms	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 15:14
S126	153	S125 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:23
S125	500	PCS with cellular with differen \$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:23
S124	3314	S123 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:23

S121	26	PCS with cellular with account	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:23
S123	11188	PCS with cellular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:22
S122	6	S121 and @ad< "20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/20 12:22
S119	67	home same ((PIN Password)) same (authenticat\$3 authoriz \$3) same (visit\$3 foreign) same network\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:55
S118	2	home same (issu\$3 with (PIN Password)) same (authenticat \$3 authoriz\$3) same (visit\$3 foreign) same network\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:55
S117	12	("6542583" "6615057" "6363151" "6430407" "5991407" "6477644").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 16:52
S115	64	S114 and @ad< "20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 15:51
S116	7	RAND with (SMS)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 14:21
S114	210	(home same visit\$3 same network) and ((send\$3 transmit\$4) with (PIN password))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 10:38
S109	10	S107 and @ad< "20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/19 10:38
S113	19	(home same visit\$3 same network) and (authoriz\$5 same (PIN password) same (sms short\$1messag \$4service))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 10:37

S112	10	S111 and @ad<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:27
S111	94	(short\$1messag\$3service sms) same (PPP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:27
S110	3	(short\$1messag\$3service) same (PIN password secret code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:27
S106	0	S104 and (short\$1messag \$3service) same (PIN password secret code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:26
S108	1	S107 and @pd<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:22
S107	76	sms same (PIN password secret code) same roam\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:21
S105	23	S104 and sms same (PIN password secret code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:21
S29	58	S28 and @pd<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 18:21
S104	899	455/432.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 17:53
S103	2	"20030224789"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 17:53

S102	2	"20020173306"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 17:53
S101	33	S100 and @ad<"20000922"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 17:47
S100	96	roam\$3 with (password PIN) and mobile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/18 12:15
S99	2	"20040029580"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 17:08
S98	2	"20020037708"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/25 13:13
S97	2	S96 and card same button same PIN	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 14:15
S96	1429	rahman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/04 14:15
S95	70	S94 and @ad<"20000922"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 17:12
S94	201	S93 and authentication	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 17:12
S93	715	455/432.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 17:11



S91	186	713/184.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/03 16:54
S90	4	S89 and @pd< "20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 10:32
S89	126	((automat\$6) SAME (setting \$1 PIN password id) SAME (transfer\$3 transmit\$3 receiv \$3 pass\$3) SAME (phone mobile device portable) SAME (browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 10:32
S88	1398	S87 and @pd< "20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 10:32
S87	2467	((automat\$6) SAME (setting \$1 PIN password id) SAME (transfer\$3 transmit\$3 receiv \$3 pass\$3) SAME (phone mobile device portable) SAME (computer browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 10:32
S86	1	S84 and @pd< "20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 10:31
S83	1214	(automat\$6 near2 (settings PIN password id)) with (transfer\$3 transmit\$3 receiv \$3 pass\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 10:28
S85	810	S83 and @pd< "20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 10:26
S84	47	S83 and (phone and browser)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 10:23
S82	5	(authentication with (internet network lan wan)) with ((PIN personal adj identification adj number) AND browser)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 20:17
S81	3	(authentication same (internet network lan wan)) with ((PIN personal adj identification adj number) AND browser)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 20:17
S80	3	S75 and @ad< "20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 20:12
S79	1	S75 and @ad< "20000122"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:53
S78	1	S75 and @ad< "19990922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:53
S77	0	S75 and @ad< "1999922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:51
S76	0	S75 and @pd< "20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:51

S75	90	((pin and browser)) with ((mobile cellular portable))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:50
S73	0	S72 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:50
S72	15	((pin with access with browser)) and ((mobile cellular portable))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:49
S74	5	S72 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:44
S71	5	S70 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:44
S70	401	((pin) and ((mobile cellular portable) with browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:43
S69	1258	((pin password) and ((mobile cellular portable) with browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:41
S68	34	S65 and @pd<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:41
S65	1932	((pin password id) and ((mobile cellular portable) with browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:41
S66	248	S65 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:40
S67	222	S66 and ((internet network server) with (permission access))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:39
S64	4	S63 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:38
S63	59	((pin password id) with ((mobile cellular portable) with browser))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:38
S61	32	((pin password) with ((mobile cellular portable) with browser)) and access	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:35
S58	20	S57 and @ad<"20000922"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:24
S60	16	((pin password) with ((mobile cellular portable) near3 browser)) and access	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:23
S59	5	((pin password) with ((mobile cellular portable) near3 browser)) with access	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 18:06
S57	112	((browser same pin) same (access accessing)) and ((mobile roaming wireless cell \$4) and (internet))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 17:56
S56	2	((browser with pin) same ((mobile roaming wireless cell \$4) and (internet)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 16:27

S55	1	((browser with pin) same ((mobile roaming wireless) with (internet)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 16:26
S54	1	((browser with pin) same ((mobile roaming wireless) with (access near4 internet)))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 16:26
S53	4	S52 and browser	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 16:21
S52	18	("20020191575"   "20030051041"   "5708655"   "5898780"   "5905736"   "5956391"   "6104711"   "6195705"   "6240091"   "6250557"   "6366893"   "6466571"   "6484211"   "6519252"   "6535493"   "6542497"   "6567664"   "6614774").PN. OR ("6804720").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 16:03
S50	18	("20020191575"   "20030051041"   "5708655"   "5898780"   "5905736"   "5956391"   "6104711"   "6195705"   "6240091"   "6250557"   "6366893"   "6466571"   "6484211"   "6519252"   "6535493"   "6542497"   "6567664"   "6614774").PN. OR ("6804720").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 16:03
S51	1	"6804720".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 16:02
S47	33	S46 and internet	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 16:01
S49	0	("2002/0143990").URPN.	USPAT	OR	OFF	2005/03/17 14:29
S48	0	("2002/0143990").URPN.	USPAT	OR	OFF	2005/03/17 14:28
S46	452	turunen	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/17 14:25
S45	1	"5724578".pn.	USPAT	OR	OFF	2005/03/14 16:19
S44	0	("2002/0037708").URPN.	USPAT	OR	OFF	2005/03/14 16:19
S42	2	MOCANN STEPHEN HANCOCK ROBERT MAY JOHN HOOK MICHAEL	US-PGPUB; USPAT; USOCR	AND	OFF	2005/03/14 13:15
S43	0	("2002/0037708").URPN.	USPAT	OR	OFF	2005/03/14 13:14
S41	0	MOCANN STEPHEN HANCOCK ROBERT MAY JOHNH HOOK MICHAEL	US-PGPUB; USPAT; USOCR	AND	OFF	2005/03/14 13:13

S40	61	S33 and browser	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 13:12
S39	663	380/270	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 13:01
S38	24	pin and browser with (SMS short adj messag\$3 adj service)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 12:59
S37	4	S36 and (pin with (SMS short adj messaging adj service))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 12:50
S36	1956	455/432	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 12:40
S35	0	455/432.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 12:38
S34	1956	455/432	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 12:38
S33	388	713/183	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 12:37
S17	259	713/184	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/14 12:36
S31	1	S30 and @pd<"20000922"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 12:21
S30	263	((mobile cellular) near2 browser) and authentication	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 12:20
S28	112	S24 and browser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 12:16
S27	58503	browser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 12:15
S24	587	S18 S19 S20 S21 S22 S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 12:15
S26	4	hansen and hekkanen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 12:02

S25	0	S24 and mobile adj roaming	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 12:02
S23	99	("6195677" "6226030" "6226030" "6246678" "6345300" "6353831" "6362836" "6393569" "6507837" "6708172" "6845102" "6185567" "6269361" "5737534" "5745884" "5379342" "5559946" "5649001" "5721852" "5771354" "5815683" "5828836" "5864865" "5901228" "6014651" "6119944" "6144638" "6182111" "6230287" "6324183" "6327579" "6389028" "6411943" "6418136" "6476927" "5247575" "5930258" "5274810" "5867483" "5999966" "6243385" "4782482" "5210789" "5394469" "5564120" "5610920" "5692141" "5732268" "5751795" "5903302").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:39
S22	101	("5633934" "5638448" "5680547" "5689566" "5694595" "5787177" "5919257" "5974149" "5974463" "5991807" "6035405" "6058426" "6092113" "6104716" "6131120" "6154839" "6182080" "6189104" "6192405" "6237023" "6249527" "6256737" "6272538" "6304973" "6307837" "6317838" "6327662" "6397336" "6662198" "6715083" "6760768" "6785819" "5563931" "5826185" "6039624" "6188677" "6047268" "5457813" "5757925" "5784564" "5877759" "5923736" "5933829" "6037928" "6108656" "5761499" "5864853" "5974449" "6049821" "6157618").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:39

S21	97	( "5740096" "5781584" "5841315" "5872466" "5949775" "5978672" "6031830" "6108709" "6301474" "6314284" "6112240" "5574979" "5684860" "5696903" "6477644" "6729929" "6253326" "6330444" "6343318" "6397259" "6067456" "6473097" "6473609" "5999811" "6459362" "5689638" "5745702" "5764887" "5764890" "5802178" "5828832" "5832228" "5864665" "5889953" "5983353" "6021495" "6067620" "6145083" "4930159" "5276735" "5444850" "5454078" "5499297" "5502766" "5509027" "5513210" "5583866" "5594921" "5604490" "5611048").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:39
S20	99	( "5239673" "5490139" "5515366" "5530703" "5560021" "5636220" "5638378" "5724346" "5757783" "5781542" "5790800" "5857201" "5917865" "5933420" "5970062" "5983282" "6006090" "6079022" "6175918" "6201962" "6208629" "6298060" "6424818" "6441770" "6470332" "6493751" "6577609" "6615276" "6629642" "6725044" "6035039" "5404580" "5551073" "5557676" "5751798" "6038440" "6049712" "6466780" "6725056" "6434379" "6035324" "6519241" "6104929" "5602843" "5625877" "5848064" "6078820" "6125281" "5450616" "5467341").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:39

S19	97	("6246883" "6317594" "6396828" "6600734" "6654616" "6744753" "6747692" "6842460" "5887251" "6141336" "6629143" "5963952" "5931873" "6735187" "6535518" "6202158" "6334121" "5930801" "5812776" "5941944" "5968119" "5991760" "6047313" "6061715" "6061715" "6081837" "6094662" "6105028" "6122661" "6199111" "6209030" "6353448" "6466981" "6118768" "6028848" "6029203" "6052803" "6108330" "6636894" "5446740" "5568489" "5724574" "6553020" "6671522" "5274841" "5481265" "5729220" "5915224" "6201484" "5212806").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:39
S18	97	("6484211" "5953005" "5621798" "6272129" "6539237" "6807431" "6336137" "5581594" "6272338" "6272341" "6278861" "6411806" "6477370" "5708780" "6205480" "6023724" "6094659" "6427149" "5920865" "6151628" "6233616" "6530025" "6662005" "6772331" "5802465" "6167248" "6687243" "6185625" "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" "5515509" "5682256" "5734646" "5822309" "5867131" "5884324" "6023461" "6069883" "6088335" "6134432" "6178331" "6181935").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:39

S1	97	("6484211" "5953005" "5621798" "6272129" "6539237" "6807431" "6336137" "5581594" "6272338" "6272341" "6278861" "6411806" "6477370" "5708780" "6205480" "6023724" "6094659" "6427149" "5920865" "6151628" "6233616" "6530025" "6662005" "6772331" "5802465" "6167248" "6687243" "6185625" "6070184" "6282281" "6466570" "6065120" "6233608" "5613198" "5771353" "5881232" "4807222" "5373503" "5515509" "5682256" "5734646" "5822309" "5867131" "5884324" "6023461" "6069883" "6088335" "6134432" "6178331" "6181935").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/14 11:37
S16	15	("5884024"   "5922049"   "6032260"   "6061346"   "6061796"   "6092196"   "6137885"   "6226751"   "6339830"   "6367009"   "6373946"   "6407988"   "6452925"   "6463474"   "6510153").PN. OR ("6704789").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 16:52
S15	2	"6704789".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:27
S14	2	"09303423"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:27



S12	99	("6195677" "6226030" "6226030" "6246678" "6345300" "6353831" "6362836" "6393569" "6507837" "6708172" "6845102" "6185567" "6269361" "5737534" "5745884" "5379342" "5559946" "5649001" "5721852" "5771354" "5815683" "5828836" "5864865" "5901228" "6014651" "6119944" "6144638" "6182111" "6230287" "6324183" "6327579" "6389028" "6411943" "6418136" "6476927" "5247575" "5930258" "5274810" "5867483" "5999966" "6243385" "4782482" "5210789" "5394469" "5564120" "5610920" "5692141" "5732268" "5751795" "5903302").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:09
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S10	97	( "5740096" "5781584" "5841315" "5872466" "5949775" "5978672" "6031830" "6108709" "6301474" "6314284" "6112240" "5574979" "5684860" "5696903" "6477644" "6729929" "6253326" "6330444" "6343318" "6397259" "6067456" "6473097" "6473609" "5999811" "6459362" "5689638" "5745702" "5764887" "5764890" "5802178" "5828832" "5832228" "5864665" "5889953" "5983353" "6021495" "6067620" "6145083" "4930159" "5276735" "5444850" "5454078" "5499297" "5502766" "5509027" "5513210" "5583866" "5594921" "5604490" "5611048").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 16:09
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